

CONSTRUCTION CAREERS OFFER ADVANCEMENT POTENTIAL

The construction industry is the biggest industry in the nation. It accounts for more than \$800 billion annual in the United States. Nearly 5 million men and women are employed in the construction industry, and in the years to come even more will be needed.

Career opportunities are nearly unlimited in the construction industry. There are many different jobs for many different people. Each job has its own advantages, responsibilities, and rewards for those who are qualified. Salaries are flexible, they depend on you; your abilities, effort, initiative, and dedication are the major factors. Some construction careers require specialized training, while others



require a broad understanding of the total project, gained only after years of experience.

Construction is truly an industry where men and women can start

at the bottom and work their way to the top. Construction company owners often begin their careers in the trades. Because of the physical labor associated with the industry, many once believed it was a "man's world", but modern technology and changing attitudes have created exciting opportunities for men and women. With training and experience, construction employees can move steadily along a career path, learning while they earn a great living.

Whatever construction career you choose, you will need the well-rounded educational background offered in your public school system. By choosing your courses wisely, you can get a head start on concepts you will use when you join the workforce. Should you choose to go on to college, the knowledge you learn now will be the foundation for more advanced courses to build on.

Some of the educational requirements for all fields within the construction industry are as follows:

- ❑ **COMMUNICATIONS**--All the career paths require your ability to read and comprehend what you read. You must be able to communicate both in written form



and verbally. In addition to basic English courses offered, we suggest you elect a public speaking course.

- ❑ **MATHEMATICS**--You must be proficient in basic math in order to succeed in the construction industry. If you choose the field of engineering as a career, you should master the advanced math curriculum in addition to basic math.



- ❑ **SCIENCE**--As a supplement to the basic science knowledge learned in high school, you will find it helpful to gain an understanding of the physical sciences, particularly if you have chosen engineering as a career.

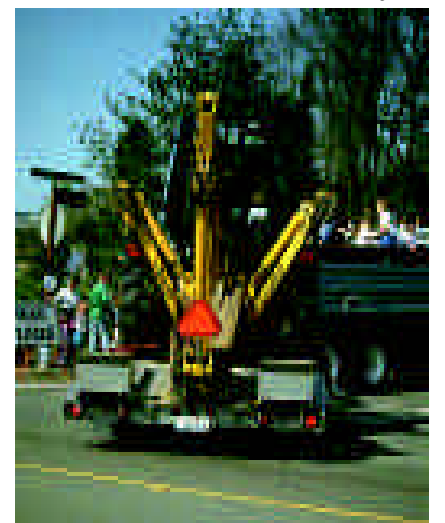
- ❑ **BUSINESS**--All the basic business courses will be useful in the construction fields. Should you

choose accounting/financing as your career, take all the business courses offered.

- ❑ **ART**--If you choose architecture as your career you will find art courses helpful. Some colleges require a portfolio as part of their entrance requirement.

- ❑ **DRAFTING**--If your school offers courses in design/drafting, it's a good idea to take them. You will need the background for surveying or land planning, architecture and engineering.

- ❑ **VOCATIONAL EDUCATION**--Depending what your school offers, building trade courses can give you some valuable "hands on" knowledge to help you learn basic field skills.



These are basic guidelines; your guidance counselor can help you with specific course/career planning. The most important thing to remember is that whether or not you plan to go to college, you need your high school education.

For additional information contact:
NH Construction Careers Council
c/o NH Good Roads Association
261 Sheep Davis Road, Suite 5
Concord, NH 03301
(603) 224-1823.

Employment with a future

Education on the job

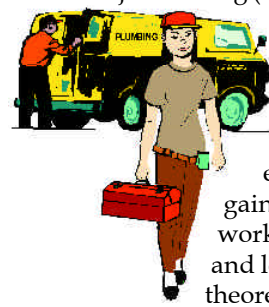
Apprenticeship

What is it?

Earn while you learn

Opportunities worldwide

Apprenticeship bridges the gap between the education system and the world of work. It is a combination of on-the-job training (OJT) and related classroom instruction. This enables the employee to gain practical work experience and learn the theoretical aspects



of a highly skilled occupation. Apprenticeship programs are sponsored by joint employer and labor groups, individual employers, or employer associations. In addition, they are designed to meet state and federal regulations, and are registered with the New Hampshire Apprenticeship Council.

Registered Youth Apprenticeship is an opportunity for youth in their final years of high school to begin a registered apprenticeship program in the occupation of their choice.

There are many advantages to participating in an apprenticeship program.

- Over 800 occupations may be learned.
- Wages can be earned while still in high school.
- Helps establish a career ladder.
- Learning relates to the job.

- You will get a long-term commitment from your employer.
- You can continue your education beyond high school.
- Your wages will increase as you learn a skill.
- Apprenticeship training skills are recognized throughout the world, providing unlimited employment opportunities.
- Supervisory positions and even business ownership are real options for the future.

For more information, talk to your guidance counselor, or an apprenticeship coordinator at your nearest NH Employment Security Office (see page 8 for the location nearest you.)

On the Internet, learn more about apprenticeship and training by going to one of these sites:

www.doleta.gov/atels_bat
US Department of Labor, Employment & Training Administration's web site for additional information as well as a list of employers and sponsors.

<http://webster.state.nh.us/dol/>
NH Department of Labor web site--



State specific information. Just click on *Apprenticeship* in the right hand column.

Apprenticeable Occupations Include:

CONSTRUCTION

Plumber
Sheet Metal Worker
Welder
Ironworker
Carpenter
Electrician
Painter
Roofer
Dry Wall Applicator
Bricklayer
Mason
Glazier

MANUFACTURING

Maintenance Mechanic
Tool & Die Maker
Machinist
Mold Maker
Electronic Technician
Millwright
Press Operator
Drafter
Electronic Mechanic
Grinder Operator
Machine Operator

OTHER

Auto Body Repairer
Auto Mechanic
Baker
Cook
Butcher
Optician
Office Equipment Repairer